Benjamin Garcia

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EDUCATION

Mount San Antonio College — Walnut, CA
B.S. in Computer Science – Transferring to UCI — GPA: 4.0 — Honors, PTK & AGS, CS Club — *Jun. 2023 – Present*

EXPERIENCE

Full Stack Software Development Intern — Mar. 2025 – Present
Todd — *Remote*
- Designing and implementing a client-facing dashboard to visualize real-time agricultural insights and data trends.
- Integrating backend services that leverage AI and machine learning to automate large-scale crop data analysis and optimization.
- Building the company website from the ground up in a fast-paced startup environment using Next.js, Tailwind CSS, and Framer Motion.

Software Developer — Feb. 2025 – Apr. 2025
Reality AI Lab — *Remote*
- **Contributed to open source development through optimizing front-end components** with **React.js**, focusing on user interface enhancements and seamless responsiveness.
- **Supported backend development** with **Node.js and Python**, integrating **RESTful APIs** for improved data handling and system interactions in tandem with **Firestore DB and Firebase Realtime DB**.

Front-End Developer — Sep. 2024 – Apr. 2025
AdeptEye — *Walnut, CA*
- Revamped **2+** business websites on **Squarespace** and **Shopify**, **reducing load times by 40-50%** and improving **UX**, leading to higher engagement and **1,800 page views** in **TeaSpots'** first week post-launch.
- **Customized Shopify storefronts** using **Liquid**, adding **dynamic product filtering**, **dealer portals**, and **POS integrations** to streamline transactions and enhance functionality.
- Led **UI/UX improvements** and **stakeholder collaboration**, aligning site designs with **branding** and **business goals** while working cross-functionally with design and development teams.

AI Engineer — Mar. 2024 – Apr. 2025
Outlier AI — *Remote*
- **Optimized AI response pipelines through A/B testing, evaluating 30-50 AI responses per session** to refine prompt engineering strategies
- **Engineered a recursive self-improvement method**, leveraging **failure-based training prompts** to improve LLM reasoning and reduce incorrect trend-based responses by **15-20%**
- **Collaborated in AI research discussions**, contributing insights on LLM behavior and improvements through Outlier's platform.
- **Designed evaluation strategies for prompt effectiveness**, analyzing response quality and identifying **hallucination patterns** to enhance model accuracy.

PROJECTS

logit | *Next.JS, Tailwind CSS, PostgreSQL* — Dec. 2024
- Built a full-stack workout logging app with an intuitive UI, enabling **seamless workout tracking and progress visualization**.
- Implemented a **react-calendar and Recharts** visualizations, allowing users to edit past sessions and analyze progress trends over time.
- Designed and optimized a **PostgreSQL database**, supporting tags, comments, and dropsets for flexible workout tracking and progressive overload analysis.

Mt. SAC CS Club Website | *React.JS & Bootstrap* — Sep. 2024
- Spearheaded a **complete redesign** for the **900+ member Computer Science Club**, increasing website traffic by **10x** through improved usability, member engagement, and event sign-ups.
- Developed features for **real-time event updates, officer profiles, and open-source collaboration opportunities**, improving user engagement.

TECHNICAL SKILLS

Languages: Java, C++, SQL, Python, JavaScript, TypeScript, Liquid
Frameworks & Libraries: React, Next.js, Bootstrap, Tailwind CSS
Developer Tools: Git, GitHub, VS Code, Netlify, Vercel, Vite, Prisma
Relevant Courses: Data Structures & Algorithms, Linear Algebra & Differential Equations, Discrete Mathematics, OOP